

Kalyan K Srinivasan

List of Publications by Year in descending order

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20
papers

533
citations

1040056

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docs citations

20
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of low reactivity fuel type on low load combustion, emissions, and cyclic variations of diesel-ignited dual fuel combustion. International Journal of Engine Research, 2023, 24, 42-63.	2.3	5
2	Impact of methane energy fraction on emissions, performance and cyclic variability in low-load dual fuel combustion at early injection timings. International Journal of Engine Research, 2021, 22, 1255-1272.	2.3	10
3	A Computational Investigation of the Impact of Multiple Injection Strategies on Combustion Efficiency in Diesel-Natural Gas Dual-Fuel Low-Temperature Combustion Engines. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	6
4	Numerical study of combustion characteristics and emissions of a diesel-methane dual-fuel engine for a wide range of injection timings. International Journal of Engine Research, 2020, 21, 781-793.	2.3	11
5	An exergy analysis methodology for internal combustion engines using a multi-zone simulation of dual fuel low temperature combustion. Applied Energy, 2019, 256, 113952.	10.1	29
6	Investigation of exhaust flow and exergy fluctuations in a diesel engine. Applied Thermal Engineering, 2019, 147, 856-865.	6.0	14
7	CFD Analysis of Diesel-Methane Dual Fuel Low Temperature Combustion at Low Load and High Methane Substitution. , 2018, , .		5
8	Intake Manifold Pressure and Exhaust Gas Recirculation Effects on Diesel-Ignited Propane Dual-Fuel Low-Temperature Combustion at Low Loads in a Heavy-Duty Diesel Engine. Journal of Energy Engineering - ASCE, 2017, 143, 04017015.	1.9	4
9	A second law-based framework to identify high efficiency pathways in dual fuel low temperature combustion. Applied Energy, 2017, 202, 199-212.	10.1	17
10	Exhaust pulse energy harvesting - an experimental investigation on a single cylinder research engine. International Journal of Powertrains, 2017, 6, 352.	0.3	3
11	Injection timing effects on partially premixed diesel-methane dual fuel low temperature combustion. Applied Energy, 2016, 162, 99-113.	10.1	64
12	An investigation of diesel-ignited propane dual fuel combustion in a heavy-duty diesel engine. Fuel, 2014, 132, 135-148.	6.4	37
13	A comparison of multivariate LIBS and chemiluminescence-based local equivalence ratio measurements in premixed atmospheric methane-air flames. Fuel, 2013, 106, 318-326.	6.4	43
14	Fuel and diluent effects on entropy generation in a constant internal energy-volume (uv) combustion process. Energy, 2012, 43, 315-328.	8.8	14
15	Chemiluminescence-based multivariate sensing of local equivalence ratios in premixed atmospheric methane-air flames. Fuel, 2012, 93, 684-691.	6.4	40
16	Analysis of exhaust waste heat recovery from a dual fuel low temperature combustion engine using an Organic Rankine Cycle. Energy, 2010, 35, 2387-2399.	8.8	227
17	Thermodynamic Performance Optimization of Reciprocating Internal Combustion (IC) Engines. , 2008, , .		0
18	Modeling of NOx Emissions Using a Super-Extended Zel'dovich Mechanism. , 2003, , 121.		2

#	ARTICLE	IF	CITATIONS
19	The Advanced Injection Low Pilot Ignited Natural Gas Engine: A Combustion Analysis. , 2003, , 129.		0
20	Strategies for Reduced NOx Emissions in Pilot-Ignited Natural Gas Engines. , 2002, , 361.		2